LOYOLA UNIVERSITY
BULLETIN

VOL. XXXVI NO. 2
New Orleans, La. March, 1954

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COLLEGE of PHARMACY
(N.O.C.P.)

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SESSION BULLETIN
1954

6363 ST. CHARLES AVENUE
NEW ORLEANS 18, LA.

LOYOLA UNIVERSITY BULLETIN

Vol. XXXVI March, 1954 No. 2

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Loyola University, Incorporated April 15, 1912. Authorized to grant degrees by the General Assembly of Louisiana for the year 1912.

The Legal and Corporate Title of the University is
"Loyola University, New Orleans"

All donations, endowments, legacies, bequests, etc., should be made under this title.

Ad Majorem Dei Gloriam

LOYOLA UNIVERSITY

NEW ORLEANS

COLLEGE OF PHARMACY

Founded May 14, 1900

Affiliated With Loyola University—1913

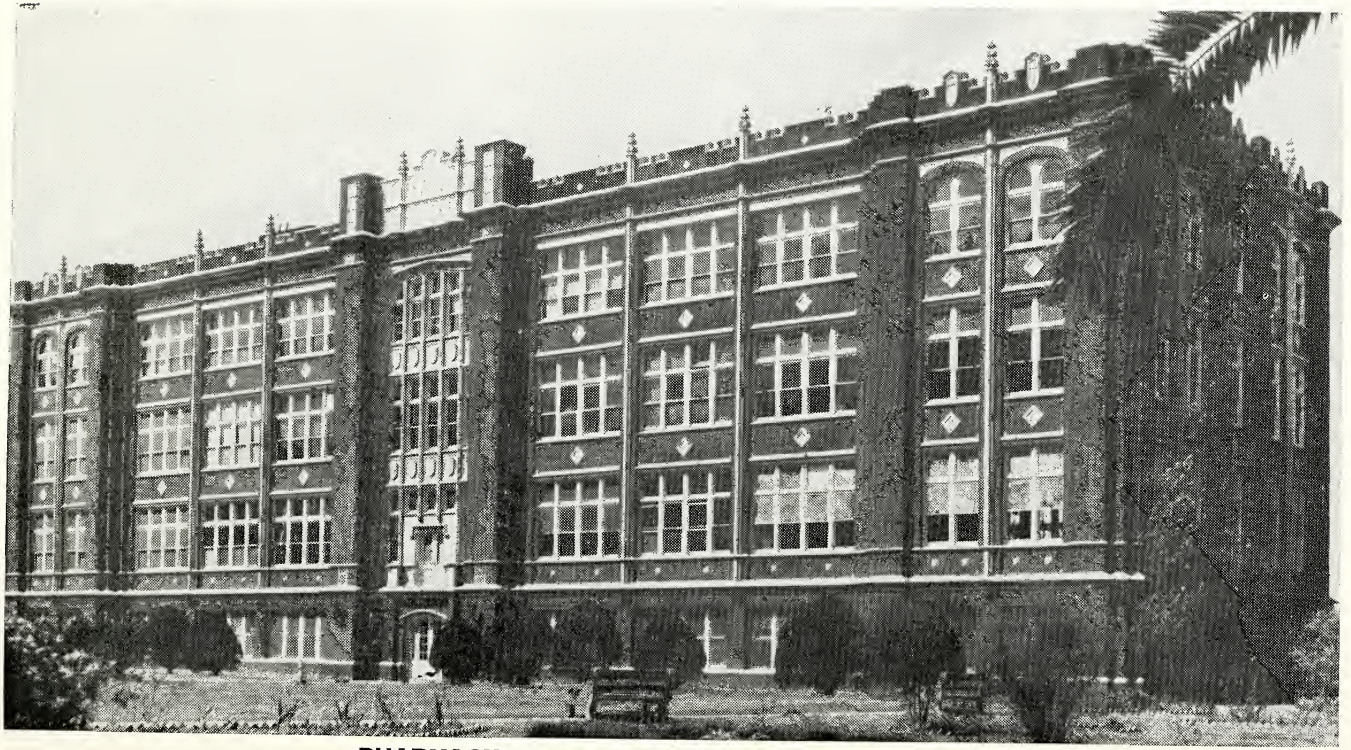
SESSION ANNOUNCEMENTS

FOR

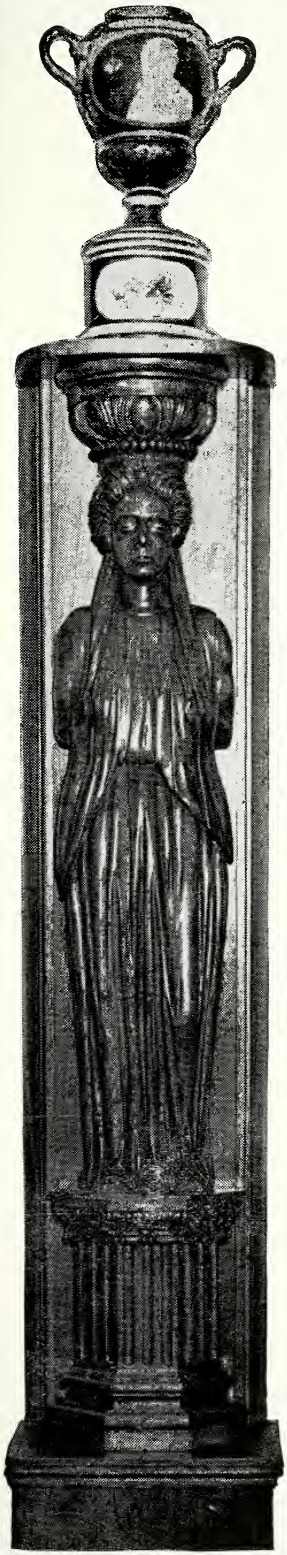
1954—1955

6363 St. Charles Avenue

New Orleans 18, La.



PHARMACY-CHEMISTRY BUILDING (BOBET HALL)



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SESSION CALENDAR 1954-1955

FALL SEMESTER

Sept. 10-17 ..... Freshmen Orientation.

Sept. 16-17, Thursday and Friday ..... Registration of Sophomores, Juniors and Seniors.

Sept. 20, Monday ..... Official opening of Fall Semester. Lectures and classes begin. Fee for late registration.

Sept. 24, Friday ..... A.Ph.A. Branch Meeting.

Sept. 25, Saturday ..... Examinations for removal of conditions incurred.

Sept. 28, Tuesday ..... Mass of the Holy Spirit.

Oct. 8, Friday ..... Latest date for official withdrawal from courses.

Oct. 22, Friday ..... Pharmacy Assembly.

Nov. 1, Monday ..... Feast of All Saints. University holiday.

Nov. 15, Monday ..... Mid-semester examinations begin.

Nov. 23, Tuesday ..... Pharmacy Assembly.

Nov. 25, Thursday ..... Thanksgiving holidays, Thursday through Saturday.

Dec. 8, Wednesday ..... Feast of the Immaculate Conception. University holiday.

Dec. 17, Friday ..... Pharmacy Assembly.

Dec. 22, Wednesday ..... Christmas holidays begin after last class.

1955

Jan. 3, Monday ..... Classes resumed.

Jan. 7, Friday ..... Pharmacy Assembly.

Jan. 20, Wednesday ..... Final examinations begin.

Jan. 29, Saturday ..... End of Fall Semester.

SPRING SEMESTER

Jan. 31-Feb. 1, 2, Monday, Tuesday and Wednesday ..... Mid-Session holidays.

Feb. 3, Thursday ..... Official opening of Spring Semester. Lectures and classes begin. Fee for late registration.

Feb. 4, Friday ..... Pharmacy Assembly.

Feb. 11, Friday ..... Latest date for registration or schedule adjustments.

Feb. 12, Saturday ..... Examinations for removal of conditions incurred in the Fall Semester. 1:00-5:00 P.M.

Feb. 18, Friday ..... Latest date for applications of candidates for degrees to be conferred in June, 1955. Last day for official withdrawal from courses.

Feb. 21-22, Monday and Tuesday ..... Mardi Gras. University holidays.

March 4, Friday ..... Pharmacy Assembly.

March 28, Monday ..... Mid-semester examinations begin.

April 6, Wednesday ..... Easter holidays begin after last class.

April 12, Tuesday ..... Classes resumed.

April 15, Friday ..... Pharmacy Assembly.

May 13, Friday ..... Theses due in final form from candidates for degrees to be conferred in June, 1955.

May 19, Thursday ..... Feast of the Ascension. University holiday.

May 20, Friday ..... Pharmacy Assembly.

May 23, Monday ..... Examinations for Seniors.

May 30, Monday ..... Examinations for upperclassmen begin.

June 4, Saturday ..... Commencement Exercises.

LOYOLA UNIVERSITY

BOARD OF DIRECTORS OF THE UNIVERSITY

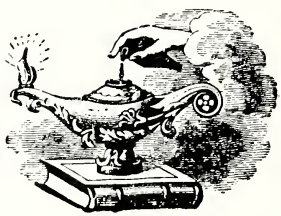
Rev. W. Patrick Donnelly, S.J., A.M., S.T.L., *President*

Rev. Edward A. Doyle, S.J., Ph.D., S.T.L., *Vice-President*

Rev. John J. Fuss, S.J., A.M., *Secretary*

Rev. Aloysius B. Goodspeed, S.J., M.A., S.T.L., *Treasurer*

Rev. William D. O'Leary, S.J., A.M., M.D.



SCHOOLS AND COLLEGES OF THE UNIVERSITY

COLLEGE OF ARTS AND SCIENCES

Embraces the Departments of Biology, Chemistry, Education, Physical Education, English, History and Political Science, Journalism, Mathematics, Modern Foreign Languages, Philosophy, Physics, Religion, Sociology, and Medical Technology.

COLLEGE OF PHARMACY SCHOOL OF DENTISTRY

SCHOOL OF LAW COLLEGE OF MUSIC

COLLEGE OF BUSINESS ADMINISTRATION

EVENING DIVISION

UNIVERSITY COUNCIL OF REGENTS AND DEANS

Rev. W. Patrick Donnelly, S.J., A.M., S.T.L.
President

Rev. Edward A. Doyle, S.J., S.T.L., Ph.D.
Dean of Faculties
Dean of College of Arts and Sciences

Rev. Anthony C. O'Flynn, S.J., A.M., S.T.L.
Dean of Students

Rev. Bernard A. Tonnar, S.J., A.M., S.T.L.,
Assistant Dean, College of Arts and Sciences

Frank J. Houghton, D.D.S., F.A.C.D.
Dean of School of Dentistry

Antonio E. Papale, A.B., LL.B.
Dean of School of Law

John F. McCloskey, B.B.A., R.Ph., M.B.A.
Dean of College of Pharmacy

Miguel Bernal, Mus. Comp. M.; Cant. Greg. D.
Dean of College of Music

John V. Connor, Ph.D.
Dean of College of Business Administration

Rev. William D. O'Leary, S.J., A.M., M.D.
Regent of School of Dentistry

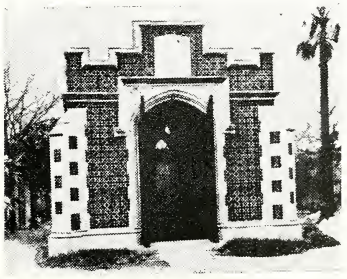
Rev. Louis J. Twomey, S.J., A.M.
Regent of School of Law

Rev. Edward W. Shields, S.J., A.M., S.T.L.
Regent of College of Pharmacy

Rev. Joseph B. Bassich, S.J., Ph.D.
Regent of College of Music

Rev. Joseph A. Butt, S.J., A.M., D.D.
Regent of College of Business Administration

Raymond P. Witte, Ph.D.
Director of Evening Division



LOYOLA SEISMOGRAPH

COLLEGE OF PHARMACY

Founded in 1900

Affiliated with the University in 1913
Admitted as a College of the University in 1919
Member of the American Association of Colleges of Pharmacy, 1921
Accredited by the American Council of Pharmaceutical Education, 1940
"Class A" College under New System of Rating, 1950

OFFICERS OF ADMINISTRATION

Rev. W. Patrick Donnelly, S.J., A.M., S.T.L., *President*
John F. McCloskey, B.B.A., R.Ph., M.B.A., *Dean*
Rev. Edward W. Shields, S.J., A.M., S.T.L., *Regent*
Rev. Anthony C. O'Flynn, S.J., A.M., S.T.L., *Dean of Students*
Rev. Samuel H. Ray, S.J., A.M., *University Chaplain*
Miss Patricia Boone, *Secretary*

OFFICERS OF INSTRUCTION

Rev. Joseph S. Bogue, S.J., Ph.D. Thomas Hall
Professor of Philosophy and Chairman of the Department of Philosophy.

Charles Lester Bradley, B.S. Phar. 7332 Jeannette Street
Assistant Dispensing Laboratory, (January 1948); Instructor in Pharmacy (June 1948); B.S. Phar. Loyola University, 1948; Retail Drug Store, 1931-1940; Member, A.Ph.A., Rho Chi, L.S.P.A.

Murray F. Cleveland, B.A, LL.B. 247 Audubon Street
Instructor in Pharmaceutical Jurisprudence (1942).—B.A., Tulane University, 1933; LL.B., ibid., 1936; member of the New Orleans Bar Association, the American Bar Association, and the Louisiana State Bar Association; Phi Beta Kappa, honorary scholastic fraternity; attorney, Louisiana State Pharmaceutical Association.

Rev. George A. Francis, S.J., Ph.D. Thomas Hall
Professor of Chemistry, Chairman of the Department (1922).—A.B., Woodstock College, 1918; A.M., St. Louis University, 1919; Ph.D., Fordham University, 1922; Regent College of Pharmacy, 1930 to 1931 and 1933 to 1937.

John J. Grasser, B.S., Ph.G., Ph.C., D.Sc.,
1234 St. Andrew Street
Professor of Pharmacy 1908-1917; Dean, 1919-1932; Dean Emeritus 1933; Relinquished teaching, February 1, 1946.

Edward J. Ireland, A.B., B.S. in Phar., M.S., Ph. D.
925 Burdette Street
Professor of Pharmacognosy and Pharmacology (1939).—A.B., University of Wisconsin 1926; B.S. in Phar., ibid., 1929; M.S., ibid., 1930; Ph.D., ibid., 1935; member Rho Chi; Phi Sigma; Sigma Xi; Registered Pharmacist, Wisconsin, 1928; member A. Ph. A.; Florida and Wisconsin Academy of Science; N. F. VI Committee; Registered Pharmacist, Louisiana, 1941; Am. Soc. Hosp. Pharmacists; Secretary, Historical Pharmacy Commission, City of New Orleans, Feb. 2, 1944.

Rev. Homer R. Jolley, S.J., A.M., M.S., Ph.D., S.T.L., Thomas Hall

Assistant Professor of Chemistry (1951).—A.B., Gonzaga University, 1938; A.M., ibid., 1939; M.S., Fordham University, 1942; S.T.L., St. Louis University, 1945; Ph.D., Princeton University, 1951; Instructor in Chemistry, Springhill College, 1939-1940, 1942-1942; Assistant Instructor Princeton University, 1948-1949; Research Fellow. Allied Chemical and Dye Company, 1948-1950; Fulbright Scholar, University of Nottingham, England, 1950-1951.

Mrs. June Conravey Kissgen, B.A., B.S. in Phar. 3625 Fairmont Drive

Instructor in Pharmacognosy (Sept. 1953).—B.A. in Biology, Newcomb College, 1945; B.S. Phar., Loyola University, 1952; Retail Drug Store, 1940-1953; Laboratory Instructor, Loyola University, 1950-1951; Registered Pharmacist, Louisiana, 1952; Pharmacist, Norfolk General Hospital, 1952-1953; Certificate Physical Therapy, Harvard Medical School, 1946; Member Beta Beta Beta; Phi Beta Kappa; Kappa Epsilon; Rho Chi; L.S.P.A.; A.Ph.A.

John F. McCloskey, B.B.A., R.Ph., M.B.A. 2935 Calhoun Street

Dean, College of Pharmacy and Professor of Pharmacy (1933).—B.B.A., Tulane University, 1925; M.B.A., ibid., 1942; Registered Pharmacist, Louisiana, 1927; Instructor in Economics, Loyola University, 1928-1932; Editor Louisiana Pharmacist, 1943-1952; Who's Who in America, 1948—; member N.A.R.D.; L.S.P.A.; A.Ph.A.; Rho Chi; Am. Soc. Hosp. Pharmacists; retail pharmacist and store owner, 1912-1916, 1926-1935; member Historical Pharmacy Commission, City of New Orleans, Feb. 2, 1944.

*James R. McCowan, B.S. in Phar., M.S. 1964 Filmore Street

Assistant Professor of Pharmacy (September, 1949).—B.S. Phar., University of Colorado, 1948; M.S. University of Colorado, 1949; Member of Rho Chi; A.Ph.A.; Associate Member of Sigma Xi; Registered Pharmacist in Louisiana and Colorado.

Edmond L. Merilh, B.S., M.S. 2219 Pine Street

Professor of Biology (1943).—B.S., Spring Hill College, 1917; M.S. Loyola University, (1923); member A.Ph.A.; Instructor in Biology, Loyola University, (1919).

Rev. Samuel H. Ray, S.J., A.M,, D.D. Thomas Hall

Professor of Theology and Chairman of the Department (1946).—A.B., Gonzaga University, 1913; A.M., ibid., 1918.

Edward L. Schmidt, B.S.Phar. 5021 Laurel Street

Instructor in Pharmaceutical Calculations (Feb. 1, 1951)—B.S. Phar., Loyola University, 1950; Sales and Service detail work, 1950-., A. Ph. A.; Rho Chi; L. S. P. A.; I. L. Lyons Award, 1950. Registered Pharmacist, La. 1950.

Rev. Edward W. Shields, S.J., A.B., A.M., S.T.L., Thomas Hall

Associate Professor of Philosophy (1942); Regent, College of Pharmacy Sept. 1949; A.B., St. Charles College 1928; M.A., Gonzaga University 1931; S.T.L., St. Mary's Theologate, 1938; Instructor Jesuit High School 1930-1934; Instructor, Philosophy Loyola University, 1939-1942; Moderator of Philaristai; Spiritual Director Catholic Alumni Sodality; Acting Director St. John Berchman's Sodality.

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* On Leave—Graduate Studies.

John H. Shinkai, B.S.Phar., M.S., Ph.D. 2627 Palmer Ave.

Assistant Professor of Pharmaceutical Chemistry, (September, 1949), B.S.Phar., Philadelphia College of Pharmacy, 1944; M.S. University of Wisconsin, 1945; Ph.D. University of Wisconsin, 1949; Member Rho Chi, Associate Member of Sigma Xi, Member of A.Ph. A.

Mrs. June Ware Thompson, B.S.Phar. 310 Friedricks Avenue

Instructor in Dispensing Laboratory (Sept. 1946).—B.S. Pharmacy, Loyola University, 1940; Hospital Pharmacist, Northern Permanente, Wash., 1942-43; Bushnell General Hospital, 1943-44; A.Ph.A.; La. State Phar. Assn.; Theta Beta; Kappa Epsilon, Registered Pharmacists, La., 1940.

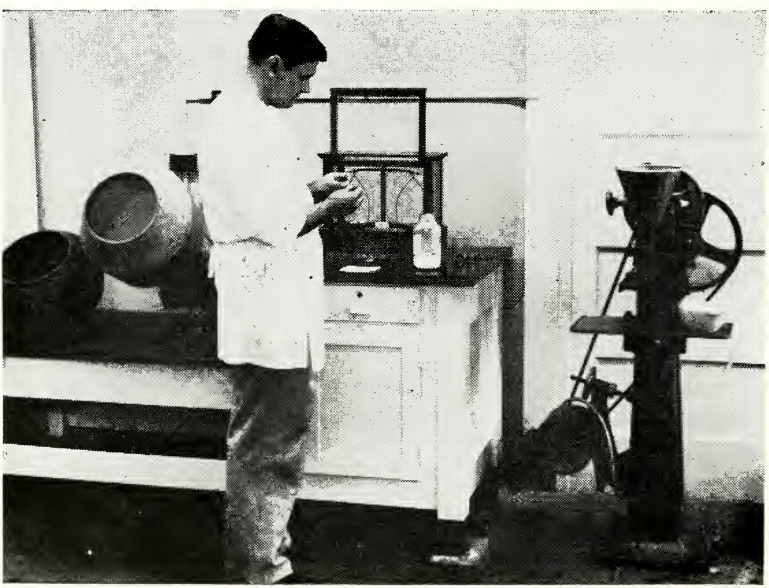
ASSISTANTS

Merlin Hugo Allen ..... *Pharmacology*

(To be appointed) ..... *Pharmacognosy*

Jose Borges-Flores ..... *Pharmacy*

(To be appointed) ..... *Chemistry*



A SECTION OF MANUFACTURING LABORATORY

GENERAL STATEMENT

History of the University The Jesuits came to New Orleans in 1847 with the purpose of establishing a college of Liberal Arts and Sciences. On February 1, 1849, the College of the Immaculate Conception, founded by them, began its remarkable career at the corner of Baronne and Common Streets. To it was attached a college preparatory academy. In 1904 the Jesuits opened an academy and a college on St. Charles Avenue opposite Audubon Park. These two associated institutions were known as Loyola College. In 1911 the College of the Immaculate Conception was united with Loyola College on the present Loyola campus. The Academy of the Immaculate Conception became the Jesuit High School. With it was united the preparatory school of Loyola College.

In response to a general demand from the public and an urgent request from His Excellency, Most Reverend James J. Blenk, then Archbishop of New Orleans, Loyola College was expanded into Loyola University in the fall of 1911. The University was authorized by the General Assembly of Louisiana in 1912 to grant all university degrees.

Loyola University of the South is but one of the many educational institutions conducted by the Jesuit Fathers in the United States and in many other countries. In the United States alone, the Jesuits conduct 68 educational institutions with a total enrollment of more than 107,664 students.

History of The College The College of Pharmacy was originally the New Orleans College of Pharmacy and was incorporated under that name May 14, 1900. In 1901 the first graduation exercises was held.

In 1913 it became affiliated with Loyola University.

In May, 1919, the New Orleans College of Pharmacy with all it rights and privileges was taken over by Loyola University.

The College became a member of the American Association of Colleges of Pharmacy in 1921.

Beginning September, 1933, the courses of instruction in this institution were divided into four years, leading to the degree of Bachelor of Science in Pharmacy (B.S. in Phar.). In September, 1933, the entire curriculum was revised and the four-year course completely established.

The College was accredited by the American Council on Pharmaceutical Education December 1, 1939.

In the new system of rating colleges of pharmacy, adopted in 1948, this College is accorded a Class "A" rating.

Since the founding of the College more than 1000 students have graduated and are pursuing the profession of pharmacy in retailing, manufacturing and hospitals; others have continued their studies in the fields of medicine, dentistry, and teaching.

Location The College of Pharmacy is situated on the University campus at 6363 St. Charles Avenue, opposite the picturesque Audubon Park, and in the heart of the residential section.

Buildings and Equipment The College occupies extensive quarters in Bobet Hall on the University grounds, the fourth floor being used exclusively for this purpose. Pharmacy students have the use of equipment in the general chemistry and bacteriological laboratories on the third floor. There is a pharmaceutcial research laboratory equipped with apparatus for doing high-grade work. The College of Pharmacy has its own lecture rooms; all lecture rooms and laboratories are furnished with fans, steam heat, and electric light, and have been carefully arranged to afford the maximum of comfort and convenience to the faculty and the student-body.

The College of Pharmacy has for its exclusive use a wooden building, formerly an army barracks, which is located on the campus adjoining Bobet Hall. The building is used for class rooms and will accommodate about 200 students.

Library The Loyola University Library, exclusive of the Law Library and private collections of books contains over 80,000 volumes. It is housed in a new three quarter million dollar, modern library building adjacent to the Pharmacy-Chemistry building wherein a separate section is devoted to the Library of College of Pharmacy. This collection, well planned and carefully selected, contains over 11,250 books and bound periodicals devoted to the pharmaceutical sciences. A large pamphlet and reprint collection is available for research and study. The library subscribes to current technical and trade journals in pharmacy which enable the student to obtain more knowledge and to keep abreast of modern trends in the profession and allied sciences. Old and rare materials as well as new books are constantly being added to provide the student with continual access to the literature in pharmacy.

Pharmacy Museum In 1933 Dean McCloskey created a pharmacy museum in the College of Pharmacy. In 1939 Dr. Ireland and the Dean began a systematic search and collection of material for an Historical Pharmacy Museum. In 1937 a building at 514-516 Chartres Street in the Vieux Carre

was purchased by Mayor Robert Maestri and donated to the city for a museum. The faculty of pharmacy at Loyola University with Mrs. Le Grand J. Crumb persuaded the City Officials to use this building as a pharmacy museum. Rev. Percy A. Roy, S.J., President of Loyola University, and City Commissioner Fred A. Earhart later joined the founders and through their combined efforts repairs to the building were started and the Museum was a reality. On February 2, 1944, City Ordinance No. 15883 created the Historical Pharmacy Museum of the City of New Orleans.

The four-story building housing the Museum was built in 1825 for a drug store and residence of Pharmacist Louis J. Dufilho, the first registered pharmacist in the United States. The building is now used exclusively as a Pharmacy Museum.

On October 19, 1950 the Museum was formally dedicated and opened to the public. It is under the supervision of the Historical Pharmacy Commission and Loyola University.

The benefits of the museum are unlimited to the student of pharmacy and to the public. Gifts to the museum are properly labeled and displayed.

Drug Plant Garden Since 1942 plans were in operation for a Botanical and Drug Plant Garden as a civic and university project for use as a teaching aid, for research on plants indigenous to our area, for the visitors to our city and for garden and botany clubs.

Through the cooperation and generosity of the Audubon Park Commission of the City of New Orleans a site has been established for the Garden in Audubon Park.

Aims and Purposes Pharmacy is an important profession as well as a necessary business. Therefore, our purpose is to give our graduates (1) sound instruction in the allied sciences, (2) thorough training in the basic sciences of his profession, (3) instruction and some training in the economics of his profession, and (4) as broad a cultural background of general knowledge as is possible within the prescribed time. This training enables the pharmacist to gain high professional and business standing in the community, and makes him a better and more useful citizen.

Pharmacy Curriculum In September 1954 the College of Pharmacy will begin the three years professional curriculum leading to the degree of Bachelor of Science in Pharmacy (B.S. in Phar.). Two years of prescribed pre-pharmacy courses are required for admission to the professional curriculum.

This curriculum prepares the student (1) for the duties of the retail pharmacist, (2) for such positions as those of

hospital pharmacist and of analytical chemist in pharmaceutical and food laboratories, (3) for employment in various branches of Federal, State, and Municipal service, and (4) for detailing and saleswork.

The courses offered in the curriculum are intended to meet our aims and purposes.

Rating This College is a member of the American Association of Colleges of Pharmacy. Member colleges maintain a minimum four year curriculum. Graduates of colleges holding membership in this Association are given special recognition in many states by law and in others by action of the Board of Pharmacy. Graduates of this College are granted such recognition by law.

Class "A" The College of Pharmacy of Loyola University is accredited by the American Council on Pharmaceutical Education as a Class "A" College.

Louisiana State Board of Pharmacy Requirements Four years of practical drug store experience as a prerequisite to examination, credit for three years being allowed for college training and experience. The other year may be obtained in accordance with the rules of the Board of Pharmacy.

Reciprocity Graduates of this College who successfully pass the Louisiana State Board of Pharmacy examinations are entitled to practice Pharmacy without further examination in any state whose Board is a member of the National Association of Boards of Pharmacy. For certain states requiring specific reciprocity requirements, the College is accredited.

ORGANIZATIONS, AWARDS, SCHOLARSHIPS

Sodalities For the purpose of fostering religious faith and fervor, and to encourage ambitious boys to spiritual and scholastic leadership, the University Sodalities offer many opportunities for personal development, as well as training and practice in social work and religious activity. Weekly meetings are held.

Student Council The Student Council consists of twenty-seven members, representing all the Colleges and Schools on the campus. These students are elected by the student-body with the approval of the faculty. The duty of the Council is to unify student thought and action. It conducts general meetings and elections, sponsors and manages inter-class contests, contributes to the student publications, and leads and directs student activities.

R.O.T.C. Unit The War Department maintains a Reserve Officers Training Corps on the campus. The Senior ROTC program consists of the basic course for two years and the advanced course for two years. A student may receive a Reserve Commission in his Professional Major. A deposit of $20.00 with the treasurer is required of ROTC students.

Detailed information about the ROTC Unit is published in the general bulletin of the University.

Student Publications The students of the University, under Faculty supervision, issue the *Maroon*, a weekly; the *Wolf*, an annual; and the *Students Handbook*, the editors of which are appointed by the Committee on Student Publications, and they in turn appoint their editorial staff. The business management is in the hands of the students.

In addition, the students in the College of Pharmacy issue their own publication—*The Journal of the New Orleans College of Pharmacy, Loyola University,* founded April 30, 1936, and issued every three months during the year. The students select their own editorial board, and, under faculty supervision, prepare each issue for distribution.

Scientific Societies The Student Branch of the American Pharmaceutical Association, chartered May, 1938; Biology, Chemistry, Physics, and Mathematics Societies meet regularly for the discussion of special problems and for special lectures on scientific subjects. The students of the College of Pharmacy are eligible to membership in these societies subject to the special requirements for admission to each respective society.

Rho Chi The Alpha Delta Chapter of Rho Chi, national pharmaceutical honor society, was installed at Loyola on July 15, 1942. This society elects its members from the Junior and Senior classes who have attained a minimum average of 2.0, display leadership and have shown evidence of a desire to promote pharmaceutical sciences and scholarship. It is recognized and sponsored by the American Association of Colleges of Pharmacy and the American Pharmaceutical Association.

Kappa Epsilon The Nu Chapter was installed November 19, 1942. The sorority selects its members from among the girl students in pharmacy who have attained a C average and who have completed one semester satisfactorily in the College of Pharmacy.

Alpha Sigma Nu A national scholastic honor society for male students of Jesuit Institutions. The two highest

ranking students, from each school or college of the University, who have completed five semesters are recommended for membership each year.

Blue Key A national honorary service fraternity whose members are elected each year by the active chapter. Members are elected from the male students who have distinguished themselves in leadership, campus activity, scholarship and service to the University.

Other Fraternities Pharmacy students are eligible for membership in the other Greek letter social fraternities and honor fraternities on the campus.

Other Organizations The University Band, Glee Club, Thespian and Literary organizations on the campus endeavor to develop particular and special activity among the students. Students in the College of Pharmacy are eligible for membership in these organizations.

Awards *The Dean John F. McCloskey Award (1935)*—A gold key suitably inscribed is awarded to the Senior student who, in the opinion of the Dean and the Faculty, is qualified to receive it. The award is based on merits gained during the four years of attendance, deportment, application to study, grades attained, student activities, and professional attitude.

The award was merited as follows:

1953—Ralph Paul Guerra, Jr.

The Louisiana State Pharmaceutical Association Award (1910)—A gold medal is offered by the Louisiana State Pharmaceutical Association to the Senior student who makes the highest general average in pharmacy during the four years.

The award was merited as follows:

1953—Marie Yvette Ortiz-Tulla.

The I. L. Lyons & Co. Award (1925)—A gold medal is offered by I. L. Lyons & Co to the Senior student who makes the highest general average in all subjects covered in the Senior year.

The award was merited as follows:

1953—Marie Yvette Ortiz-Tulla.

Ladies' Auxiliary In March, 1942, the Ladies' Auxiliary of the Louisiana State Pharmaceutical Association established a series of awards to be given each year to the student in each of the four classes in the College who have attained a ranking average for the period for which the

award is made and according to rules established by the Ladies' Auxiliary. The awards are: A Dispensatory, a Pharmacology Book, a National Formulary and a U. S. Pharmacopoeia.

A.F.P.E. Scholarship Each year through the generous contributions of manufacturers, distributors, wholesalers, retailers and others in the drug industry, the American Foundation for Pharmaceutical Education is able to award to each Accredited College of Pharmacy a sum of $400 to be used as scholarships available to junior or senior students in pharmacy. These are awarded upon application and consideration by the Dean and Faculty of the College.

Rho Chi Award, (1950) The purpose of this award is to stimulate academic achievement and leadership. The award is a beautiful, large trophy on a polished pedestal and is awarded to the member of the freshman class who, in the opinion of the Alpha Delta Chapter members, has been outstanding in scholarship and leadership in the freshman year. The award permits the name of the winner to be inscribed upon it and a certificate is given to signify the award. The award is presented at the annual Installation and Dinner of the Chapter. The award was merited as follows:

1952—George William Hall, Jr.

1953—Gerald Douglas Martin.

John J. Grasser Scholarship The Alumni, the Faculty and Friends of the College of Pharmacy created a scholarship fund in June, 1947, and dedicated it to Dean Emeritus John J. Grasser. From this fund a scholarship will be awarded. Applications for the scholarship will be presented to the Pharmacy Alumni Club under whose control the fund is operated.

Rho Chi Scholarship Through the generosity of some Charter Members of Alpha Delta Chapter of Rho Chi, a scholarship fund was established in 1944. Recent graduates of the college have made financial contributions to the fund.

No awards are being made from this fund at the present time.

Adam Wirth Scholarship In appreciation for all the good things which his profession has made possible and to make it possible for young people to have the same opportunity, Mr. Wirth established, December 1946, a scholarship fund, the proceeds of which will make available an annual scholarship. Application for this scholarship must be made to the Dean of the Pharmacy College.

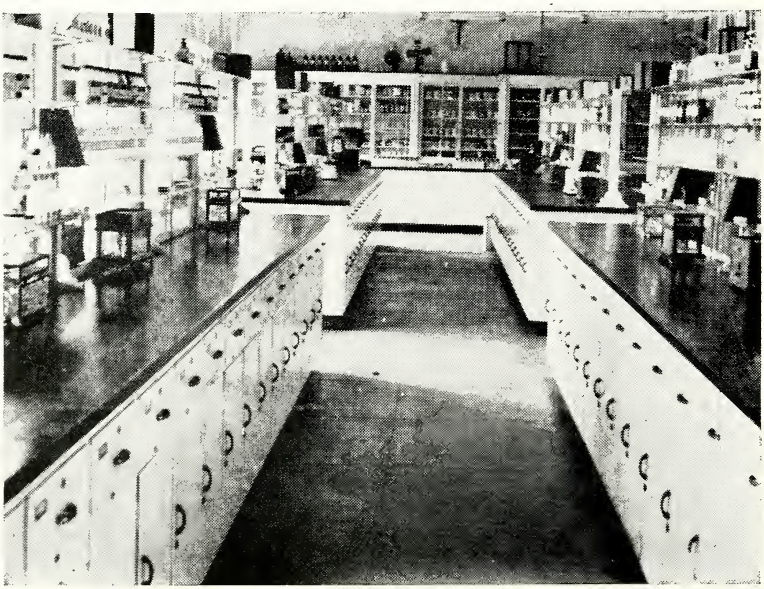
L.S.P.A Scholarship On September 11, 1941, Mr. Louis R. Menendez, president of the Louisiana State Pharmaceutical Association, created a fund to establish scholarships in the College of Pharmacy. The scholarships are awarded each year to the winners in a competitive examination restricted to graduates of Louisiana high schools and who have not had previous college training.

The fund, in a separate account, is controlled by the L.S.P.A. Endowment Committee and has been augmented by gifts, and revenues from entertainments. Donations to the fund are gladly accepted.

Senior Class Scholarships This fund was started September 1952 by the Senior Class of that year. Each year the senior class contributes to this fund as a token of their appreciation to the College and to the University. The fund is not large enough at present to warrant any grants.

Katz and Besthoff Scholarship Loan Fund Established 1952 to assist male pharmacy students to finance the cost of their education. Katz and Besthoff will advance $500 for each of the three years to two students according to a definite plan. Applications may be made directly to the sponsor or to the Dean.

Students' Retreat During three days of the second semester all Catholic students make the annual retreat, which



CENTER OF DISPENSING LABORATORY

is a character-building, spirit-strengthening series of intellectual and spiritual exercises. No Catholic student will be excused from the fulfillment of this duty, as it is a vital educational factor in character formation.

Student Expenses

Payments—Basic fee and other fees must be paid at the beginning of each semester.

Unless all indebtedness is promptly paid, the student will not be admitted to regular classes nor be allowed to take any examinations. It is the duty of each student who applies for registration to come prepared to meet his financial obligations according to these rules.

Students who live outside of New Orleans can obtain pleasant rooms in the neighborhood for from $15.00 to $20.00 per month. The University is equipped with a cafeteria, where the students may take their meals at reasonable rates.

Refunds—For students who make formal application refunds will be made as follows, on the basic fee only:

Within first week of semester	80%
One week to three weeks of semester	60%
Three weeks to five weeks of semester	40%

No refunds after five weeks.

No refunds are made when a student is suspended, dismissed for disciplinary reasons, or fails to pass in prescribed or elected courses.

List of Fees.

Basic fee (per semester)	$235.00
Matriculation fee (on entrance only)	5.00
Student kit (on entrance only)	10.00
Late registration fee	5.00
Conditional examination (each)	2.00
Late examination	2.00
Graduation fee (senior year only)	25.00
Cap and gown deposit, seniors only (refundable)	30.00
Transcript (after first)	1.00
Special kit for 2nd year	not to exceed 25.00
Individual locker (rental per year)	2.00
Repeat course (each)	20.00

The basic fee includes registration, tuition, laboratory, library, subscription to the *Maroon, Wolf* and *Journals of the A.Ph.A., Pharmacy Journal,* athletics, forum, physical education and certain other student activities. The basic fee is payable at the beginning of each semester. *Any other arrangement for payments must be made before the completion of registration with the Treasurer of the University.*

No breakage deposits are required, but each student will be charged with losses above a certain amount that is considered exceptional. Students will be taxed for excessive breakage or destruction of University property. The decision covering each case will be made by the University.

The student kit, charged to every student taking the first course in Pharmacy, is personal property and contains supplies and equipment needed throughout the course.

Junior Pharmacy students will be supplied with new equipment which will become their personal property. This equipment will be supplied at market cost and will not exceed twenty-five dollars.

Summary—A student coming to the University for the first time should be prepared to meet the following expenses (as per above list) at the time of registration:

Basic fee (semester)	$235.00
Matriculation fee	5.00
Student Kit	10.00
Text-books (approximately, for year)	60.00
Total	$310.00

Pre-Pharmacy Requirements Pre-Pharmacy courses may be taken in any College or University that is approved or accredited by the respective rating organizations. All courses to be of University content and quality. Pre-Pharmacy requirements may be satisfied by the following:

	Sem. Hrs.		Sem. Hrs.
General Chemistry	8	Qualitative and Quantitative Analysis	8
English	6	General Physics	8
College Algebra; Trigonometry	6	General Physiology and Laboratory	4
General Botany; Zoology	8	Principles of Economics	3
Electives	10	Accounting	3
		Electives	10
	38		36

The semester hours needed to fulfill the electives may be selected from the following: American History 6 hours; Foreign Language 6 hours; English 6 hours; Social Science 6 hours; Analytical Geometry 3 hours; Political Science 3 or 6 hours; Vertebrate Zoology 4 hours;

Philosophy courses are required to be taken in Loyola University. A minimum of twelve hours are required. Six hours are specified in the Junior Pharmacy year and the other six hours may be taken in summer sessions or in the First Year Pharmacy provided credits for courses in that year are already established.

If an applicant has the proper number of hours of academic credit, but does not have credit for the prescribed subjects, he may be admitted with six semester hours of such deficiency, which must be made up before enrolling for the Junior Year in Pharmacy.

No student will be considered for admission to the College of Pharmacy unless he has a minimum quality point average of 1.0 or equivalent to a "C" grade.

A student electing to take his pre-pharmacy courses at an institution other than Loyola University will be expected to fulfill the requirements as outlined in the pre-pharmacy requirements.

Admission Procedure The necessary forms, credentials and picture listed under "Admission Requirements" shall be filed in the College of Pharmacy at least one month in advance of the date of registration. Applications and credentials received after this date will be considered by special action of the Admission Committee and then only if student quotas are not filled. It is obligatory to submit, on entrance, official records from all schools previously attended. These credentials are to be sent directly by the proper officer of the school in which they were earned and not through the student. Credentials which are accepted for admission become the property of the University and are kept permanently on file. Blank forms for entrance may be had on application to the Dean of the College of Pharmacy.

The College reserves the right to refuse admission to applicants whose preparatory work is of such a grade as to create doubt regarding their ability to pursue college work successfully in the scientific courses in the curriculum.

Students must be present on the opening day of classes and will not be admitted after the first ten class days.

Admission Requirements The College of Pharmacy is open on equal terms to both sexes. Applicants for admission to the College of Pharmacy must be of good moral character and fulfill the admission requirements.

1—They must submit a recent photograph, head and shoulders, size not less than 3 by 4 inches.

2—The completed "Application for Admission" form.

3—A transcript from each College or University where the applicant has attended.

4—A certificate of high school graduation describing at least fifteen units of secondary work. Of these units four shall be in English, two in History and Civics, two in Algebra and Plane Geometry, two in Latin or Modern Foreign Language, and one laboratory science.

5—Applicants must have at least two years of prescribed pre-pharmacy college courses in an approved College or University.

Advanced Standing Students from other Universities, Colleges or Schools having standards equal to those of Loyola University and the Loyola College of Pharmacy and, whose record meets the admission requirements of the College of Pharmacy and, who has completed professional courses in an accredited College of Pharmacy, may be admitted, without examination, to advanced standing after satisfying these conditions.

1—The student must have attained a minimum of a "C" average for all hours attempted during the preceding year at the institution from which he transfers.

2—A general average of "C" or 1.0 point average for all hours attempted previously in college.

3—Certificate of honorable dismissal and an official transcript of the student's record to accompany the application for admission which must be submitted before the opening session of the College.

4—The student record must be free from any faculty action taken against him.

5—Applicants seeking advanced standing must fulfill the same admission requirements as expected of first year students in the College of Pharmacy.

Admission of Women It has been recognized that women possess aptness for the study and practice of Pharmacy. The number of those engaged in the profession is constantly increasing and women are admitted to all classes upon equal terms with men.

ADMINISTRATIVE PROCEDURE

The College Year Instruction begins on the day specified in the calendar. Instruction includes two semesters of sixteen weeks each. There is a brief recess at Christmas and Easter. Instruction is suspended on holy days of obligation observed in the Catholic Church.

Instruction The unit of instruction is one hour a week for one semester. Two hours of work in the laboratory are considered equivalent to one hour of recitation. Students may receive credit only for the number of hours published with a course.

Withdrawal A student withdrawing from the College during any semester, or before the final examinations, forfeits credit for work done in that semester. Students who withdraw from a course without permission of the Dean are recorded as

having failed in the course. A student may be requested to withdraw because of ill health or for failure to keep up in scholastic work, or for insubordination.

In the event a student is called into Military Service before completion of a semester in which he is enrolled, the student may establish credit or graduate according to a uniform and graded procedure adopted by the University for the several classes of students. On these students' records and transcripts, notations of this policy is made.

The procedure is outlined in the general bulletin of the University.

Honorable Dismissal It is required as a condition of honorable dismissal that students who wish to withdraw from the University shall obtain permission to do so on blanks furnished by the Registrar.

Attendance All students must attend assemblies, classroom and laboratory exercises regularly. They will be charged with all absences except such as are incurred through University action. Students who are absent from exercises the day preceding or the day following any college recess or vacation will be marked with two absences for each exercise missed unless permission has been previously asked for in writing and granted by the Dean.

A student will be requested to withdraw from a course when the number of his absences in the course in a semester equals twice the number of weekly periods of the course.

Cases of absences due to serious illness or other extraordinary causes must be referred to the Faculty Committee on Discipline.

Absence from a test that has been duly announced will be marked as two absences in that subject, unless a satisfactory excuse has been previously approved by the Dean.

Excused absences do not exempt from tests, quizzes, or written work required during the period of absence. The responsibility for making up work or taking omitted tests rests wholly upon the student, and he should arrange with the professor for taking these tests, etc. Failure grade will be given where this is neglected.

If a student is tardy three times in the same subject course or tardy once for more than fifteen minutes, he incurs an absence.

Discipline The educational system of this University includes, as one of its most important features, the formation of character. It is expected that each student will be so loyal to the spirit and ideals of his Alma Mater that the exercise of proper self-control will come from his own convictions and free determination.

The College rules and regulations are meant as a guide and help to foster that gentlemanly conduct which is presupposed in every Loyola student. *These rules require regular and punctual attendance at all scheduled exercises, obedience to college customs and regulations, serious application to study, and blameless conduct. A student who shows himself deficient in these essential points will be suspended or dismissed.*

The College reserves the right to terminate its connection with any student who does not give sufficient promise of attaining the degree of scholarship and technique required in a graduate pharmacist, or who lacks those qualities which enter into the fine character required of graduates of this college, or whose conduct in or out of the college is objectionable. The final decision in this matter rests with the Advisory Board of the College. The fees of such a student will not be returned.

Health Each student must present himself to the Loyola Department of Health Service for a medical and dental examination at the opening of school. Record cards indicating defects, weaknesses, etc., will be kept and the student will be advised as to the proper methods of removing these obstacles to health and improving his physical condition.

Each student must be vaccinated before admission unless he can furnish proof that he has been vaccinated recently.

Student Employment Boards of Pharmacy do not allow credit towards practical experience by employment in a day store during the college year. Excessive hours of employment while attending college jeopardizes health and quality of achievement in scholastic work. The Faculty Committee realizes some students must work to help defray expenses and to justify their actions in their regard, a maximum number of hours will be established. If a student exceeds this maximum he must reduce his college course hours.

Examinations Semester examinations in all subjects are held. Written tests and weekly quizzes may be given at the discretion of the professors. The result of the examinations, combined with the grade for the student's class and laboratory work, will determine the final or passing grade for the semester. A student who has failed to take tests or quizzes or to hand in his assigned work will be given an incomplete grade.

The passing grade in the College of Pharmacy is D. The student attaining this grade or above receives credit for the number of semester hours allowed for that portion of the course.

A grade of E represents a condition. This condition may be removed by examination. Only one such examination is

allowed, and only on the day assigned by the Dean. If the student is successful in the examination, he receives the full credit of semester hours, but the highest average allowed for his permanent record for this subject is D. If the student fails in the examination, the condition becomes a failure, and the course must be repeated. If a student refuses to take the condition examination, he must repeat the course in which the condition was incurred, and he must pay an extra course fee. Students absent from any examination, unless for the very gravest of reasons, approved by the Dean, will receive a failure grade in that course.

A student who fails to take a final examination, and if he wishes to do so, must make a written application to the proper Committee explaining fully the reasons for not taking the examination. This Committee is empowered to approve or disapprove the application for another examination. If the decision of the Committee is favorable, the applicant will pay the extra fee involved and be given the examination. Only in the most exceptional cases will the grade established in the examination be above a "D" grade.

For each condition examination, and for each regularly scheduled examination taken out of course, a fee of $2.00 will be charged.

Reports Reports showing a record of attendance and final examinations are sent to parents or guardians at the end of each semester. Special reports are made when it is deemed advisable, or upon special request.

Grades are reported as follows:

Excellent (A; 93-100); Very Good (B; 85-92); Good (C; 80-84); Merely Passing (D; 75-79); Conditioned (E; 65-74); Failure (F; below 65); work incomplete (I); failure because of excessive absences (FE); Withdrew officially (W); Withdrew unofficially (WF).

Classification of Students Pharmacy students are classified as First Year Pharmacy Students, Junior Pharmacy Students and Senior Pharmacy Students. Students are ranked as Juniors who have completed all the courses in the First Year in pharmacy with an average quality grade of "C". Admission to the senior class is not possible unless all previous work is completed and an average quality grade of "C" must be maintained.

Auditors With the approval of the Dean and the Faculty of the College of Pharmacy, persons who have had some college education, and who wish to attend certain lecture courses without having to do the work required of regular students,

may register as auditors in not more than two courses per session in the College of Pharmacy. Auditors pay the same fees as regular students; i. e., registration, matriculation, and course fee. The course fee is $15.00 per semester hour. No credits may be established for such work.

A student regularly registered in any college of the University is exempt from all fees except the course fee and, permission must be granted by the Dean of that particular college before the student can audit courses in the College of Pharmacy.

An auditor is not permitted to participate in laboratory work. If an auditor wishes to have laboratory work, then registration must be made as an unclassified student.

Scholastic Standing A student must pass two-thirds of the credit hours carried in each term. Failure to pass in the required number of hours will result in the student being dropped for scholastic deficiencies.

A student who fails in one-third or less of the credit hours carried may be placed on *probation* for the next term if his general average of grades shows a general weakness.

Students on probation carry a reduced schedule.

Eligibility Rules Students taking part in dramatic performances, public debates, or intercollegiate athletic contests, and those who are appointed to staffs of the University publications as well as all officers of student organizations, are subject to the following eligibility rules:

1. They must be enrolled in at least twelve semester hours of work in regular or special courses as defined in the curriculum of the University;
2. They must have passed at least twelve hours of the work in which they were enrolled for the last semester in residence;
3. They must not be under official censure of any kind.

Requirements for Graduation The degree conferred by this institution on its graduates is that of Bachelor of Science in Pharmacy (B.S. in Phar.).

1. Candidates for graduation must complete the equivalent of the curriculum of this college of Pharmacy, and the last year of which must have been spent at this College.
2. A written thesis of approximately 3500 words approved by the Dean and Faculty of the College must be presented on or before a specified date of the year in which the degree is expected to be conferred.
3. Every student must maintain a quality point average of 1.0 or better.

4. The payment of all indebtedness, including the graduation fee, in advance.

5. No student shall be considered a candidate for a degree if he has any deficiencies at the beginning of the second half of his senior year.

6. All candidates must be present at the Commencement Exercises and receive their degree in person. No excuse outside of serious illness, attested by a reputable physician, will be accepted. The University will not confer degrees *in absentia.*

7. All applicants for a degree should file in the Registrar's office on a specified date, of their senior year, a formal application for their degree.

I. Amount of Work—In order to receive the Pharmacy degree, a student is required:

1. To complete at least 106 semester hours of work

2. To complete a certain amount of prescribed work.

3. To choose free electives, which afford opportunity either for broader culture or for greater specialization.

II. Quality of Work—A candidate for a degree must present not only the required quantity of work, but he must attain a certain standard of excellence in his work, especially in his major field. For this reason the candidate for a bachelor's degree must present, in addition to the 106 semester hours of credit, 106 quality points, or an average mark for all subjects of C or better.

Quality points are earned in the following manner: For the grade of A in a subject course, the student is credited with three times as many quality points as semester hours allowed for that course; for a grade of B, twice as many quality points as semester hours; for the grade of C, just as many quality points as semester hours. For the grade of D, semester hours are credited, but not quality points. For the grade of F, neither semester hours nor quality points are credited, but the semester hours are added as hours attempted in computing a student's standing and credit point ratio.

Graduation honors are computed according to the "quality point system." The graduation average is determined by dividing the total number of quality points earned by the total number of semester hours attempted, excepting authorized withdrawals.

A candidate who has made an average of 2.5 graduates *"Cum Laude";* one who has made an average of 2.7, *"Magna Cum Laude";* one who has made an average of 2.9 *"Summa Cum Laude."* Record of these honors is inscribed on the diplomas and noted in the lists of graduates published for the Commencement Exercises.

Dean's Commendation List The Commendation List has been established to encourage and stimulate the students to do superior work and to reward them by public recognition of their scholastic achievements.

At a General Assembly of the College of Pharmacy, the Dean of the College of Pharmacy reads the Commendation List, which is prepared for each semester, and which is then published in the *Bulletin* and in the *Journal* of the College.

To merit a place on the Commendation List, one must attain an average of 1.90, or higher, and must be enrolled for not less than twelve semester hours.

DEAN'S COMMENDATION LIST

FALL SEMESTER

September 29, 1952—January 31, 1953

FRESHMEN

1. Anderson, Catherine Shellie 1.95
2. Guillory, James Keith 2.81
3. Martin, Gerald Douglas 3.00
4. Perrere, Donald Joseph 2.63
5. Quintana, Ronald Preston 3.00
6. Randazzo, Joseph Anthony 1.95

SOPHOMORES

1. Borges-Flores, Jose Angel 2.63
2. Buchman, Sidney 1.91
3. Cowl, Jay Aubrey 2.93
4. Hall, Jr., George William 2.38
5. Lobue, Angelo Kelly 2.19
6. Wiegand, Clifford Louis 2.00
7. Wynkoop, Sister Paul Mary 2.65

JUNIORS

1. DeCuir, Ervin Joseph 2.04
2. Flynn, C.S.J., Sister Mary Maurice 1.93
3. Garcia, Ruben Jose 2.29
4. Morgan, Ola Elizabeth 2.60
5. Mouton, Joseph Minus 2.09
6. Shiel, Jr., Fred Herman 2.66
7. Singerman, Joseph Meyer 3.00
8. Ullo, Willa Mae 2.43

SENIORS

1. Aedo, Isabel Bibiana 2.00
2. Graham, Carleton Alexander 2.42
3. Hebert, Richard Joseph 1.91
4. Lago, Dominick Manuel 2.28
5. Marquer, Jr., Claude Joseph 2.17
6. McCloskey, Elinor Mae 2.22
7. Ortiz-Tulla, Yvette Marie 2.87
8. Parrino, Maria Grace 2.22
9. Yancey, Edwin Denham 2.19

DEAN'S COMMENDATION LIST

SPRING SEMESTER
February 9, 1953—May 30, 1953

FRESHMEN

1.	Anderson, Catherine Shellie	2.13
2.	Burkenstock, Jr., Lloyd George	2.43
3.	Guillory, James Keith	2.57
4.	Kellerman, Harry John	2.09
5.	Lafont, Owen Joseph	2.00
6.	Louviere, Jr., John Whitney	2.00
7.	Martin, Gerald Douglas	3.00
8.	Quintana, Ronald Preston	3.00
9.	Russo, Toby James	2.08

SOPHOMORES

1.	Borges-Flores, Jose Angel	2.61
2.	Buchman, Sidney	2.42
3.	Cowl, Jay Aubrey	2.88
4.	Hall, Jr., George William	2.57
5.	Lobue, Angelo Kelly	2.22
6.	Scally, David Lawrence	2.47
7.	Wiegand, Clifford Louis	2.06
8.	Wynkoop, Sister Paul Mary	2.35

JUNIORS

1.	de la Bretonne, Gaston Antoine	1.95
2.	Lindsay, Malcolm	2.06
3.	Morgan, Ola Elizabeth	2.18
4.	Mouton, Joseph Minus	1.90
5.	Perez-Mijares, Oscar	2.44
6.	Raborn, Charles Phanor	1.95
7.	Shiel, Jr., Fred Herman	2.00
8.	Singerman, Joseph Meyer	3.00
9.	Ullo, Willa Mae	2.45

SENIORS

1.	Braman, William Collins	2.04
2.	Graham, Carleton Alexander	2.45
3.	Guerra, Jr., Ralph Paul	1.91
4.	Lago, Dominick Manuel	2.31
5.	Marquer, Jr., Claude Joseph	2.45
6.	Marquer, Jr., Constant George	1.90
7.	McCloskey, Elinor Mae	2.46
8.	Ortiz-Tulla, Yvette Maria	2.79
9.	Parrino, Maria Grace	2.04

DEAN'S COMMENDATION LIST

FALL SEMESTER

September 17, 1953—January 29, 1954

FRESHMEN

1.	Biundo, Geraldine Frances	2.18
2.	Blanchard, Herman Noah	1.95
3.	Bonee, Rene Edwin	2.64
4.	Bourgeois, Melvin Gerard	2.00
5.	Boutte, Lloyd Paul	3.00
6.	Graham, Cecil Cleveland	2.23
7.	Hinojosa, Carmella Celia	2.32
8.	McArthur, John Brent	2.68
9.	Montelepre, John Joseph	2.27
10.	Serpas, James Joseph	2.59

SOPHOMORES

1.	Birdsall, Walter Joseph	2.00
2.	Fautt, Anne Broussard	2.13
3.	Guillory, James Keith	2.81
4.	Kaufman, Eugene	2.67
5.	Louviere, John Whitney	2.29
6.	Martin, Gerald Douglas	2.85
7.	O'Connell, Richard Lawrence	2.04
8.	Pepe, Charles	1.96
9.	Quintana, Ronald Preston	3.00
10.	Scally, David Lawrence	2.50

JUNIORS

1.	Borges-Flores, Jose Angel	2.09
2.	Cowl, Jay Aubrey	3.00
3.	Hall, Jr., George William	2.44
4.	Lobue, Angelo Kelly	2.12

SENIORS

1.	DeCuir, Ervin Joseph	2.09
2.	Flynn, C.S.J., Sister Mary Maurice	2.53
3.	Morgan, Ola Elizabeth	2.42
4.	Mouton, Joseph Minus	1.91
5.	Phillips, Roger Paul	1.91
6.	Raborn, Charles Phanor	2.20
7.	Shiel, Fred Herman	1.95
8.	Singerman, Joseph Meyer	2.75
9.	Skinner, Edward King	1.91
10.	Ullo, Willa Mae	2.32

CURRICULUM

FIRST YEAR PHARMACY

Course No.		Course Title	Hours Per Week Class	Lab.	Total Clock	Semester Credit Hrs.
		FIRST SEMESTER				
Ch.	201	Organic Chemistry	2	4	6	4
Py.	201	Fundamentals of Pharmacy	2	4	6	4
Py.	205	History of Pharmacy	2	0	2	2
Py.	207	Pharmacy Calculations	3	0	3	3
Pas.	215	Pharmacognosy	2	2	4	3
		Total Hours	11	10	21	16
		SECOND SEMESTER				
Ch.	202	Organic Chemistry	2	4	6	4
Py.	214	Official Preparations	2	4	6	4
Ch.	232	Inorganic Pharmaceutical Products	3	0	3	3
Pas.	216	Pharmacognosy	2	2	4	3
Pas.	236	Microscopical Pharmacognosy	2	2	4	3
		Total Hours	11	12	23	17

All Catholic students are required to take Theology.

JUNIOR YEAR PHARMACY

Course No.		Course Title	Hours Per Week Class	Lab.	Total Clock	Semester Credit Hrs.
		FIRST SEMESTER				
Bl.	301	Bacteriology	2	4	6	4
Py.	315	Official Preparations	2	4	6	4
Ch.	311	Synthetic Organic Products	3	3*	6	4
Pas.	311	Pharmacology	2	0	2	2
Pad.	315	Principles of Salesmanship	2	0	2	2
Pl.	302	General Ethics	3	0	3	3
		Total Hours	14	11	25	19
		SECOND SEMESTER				
Ch.	334	Quantitative Pharmaceutical Analysis	2	4	6	4
Ch.	312	Natural Organic Products	3	0	3	3
Py.	322	Prescriptions	2	4	6	4
Pas.	312	Pharmacology	2	0	2	2
Pad.	316	Advertising and Public Relations	2	0	2	2
Pl.	303	Special Ethics	3	0	3	3
		Total Hours	14	8	22	18

All Catholic students are required to take Theology.

*Extra Laboratory hour—no credit.

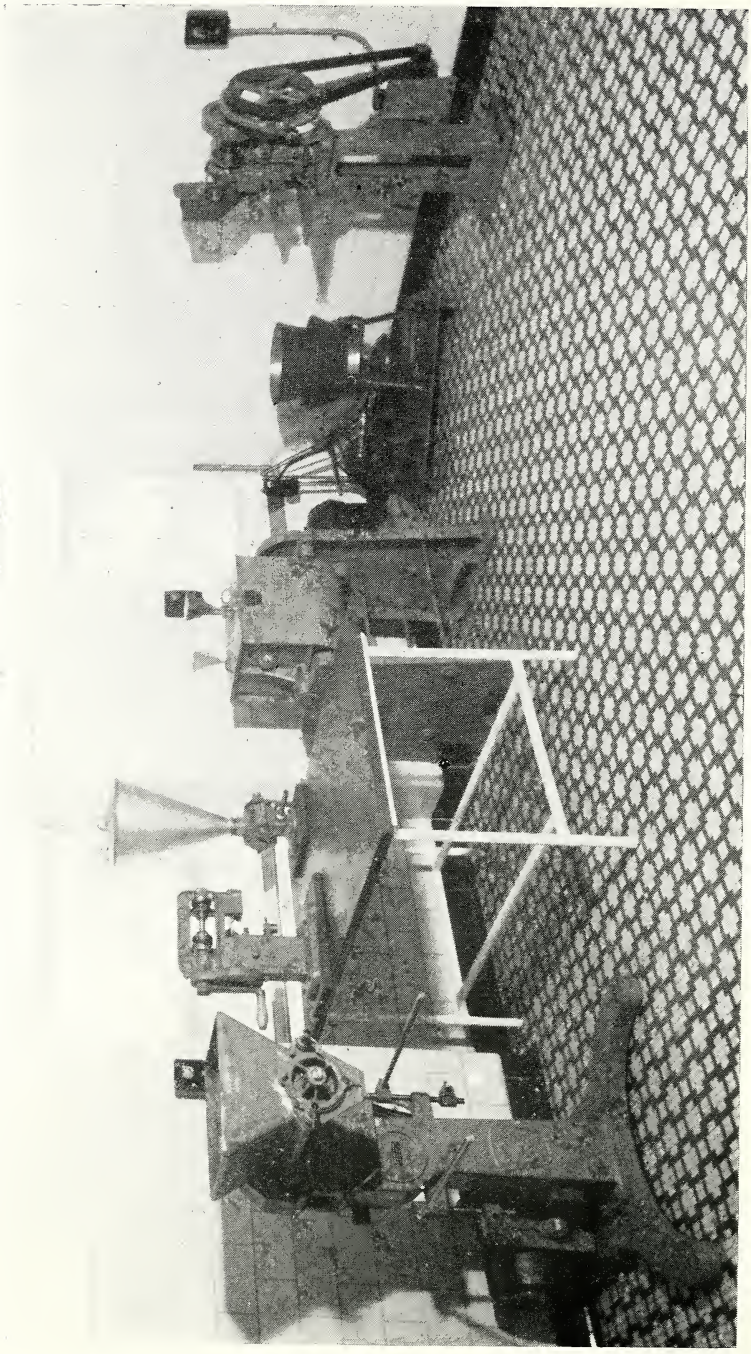
SENIOR YEAR PHARMACY

Course No.	Course Title	Hours Per Week Class	Lab.	Total Clock	Semester Credit Hrs.
	FIRST SEMESTER				
Ch. 415	Biochemistry	3	3*	6	4
Py. 411	Dispensing	2	4	6	4
Pas. 413	Pharmacology	2	2	4	3
Pas. 419	Toxicology	2	0	2	2
Pad. 433	Drug Store Management	2	0	2	2
	Electives***	3	0	3	3
Py. 454	Thesis**				
	Total Hours	14	9	23	18
	SECOND SEMESTER				
Pad. 416	Pharmaceutical Law	2	0	2	2
Py. 412	Dispensing	2	4	6	4
Pas. 414	Pharmacology	3	4	7	5
Pad. 434	Drug Store Management	2	0	2	2
	Electives***	5	0	5	5
Py. 455	Thesis**				
	Total Hours	14	8	22	18
	ELECTIVES				
Psy. 423	Insecticides and Veterinary Drugs	2	0	2	2
Py. 421-22	New and Non-Official Drugs	4	0	4	4
	Physical Chemistry	4	8	12	8
	First Aid	2	0	2	2
	Integral Calculus	3	0	3	3
	Differential Calculus	3	0	3	3
Py. 417-18	Hospital Pharmacy	2	4	6	4
Py. 433-34	Manufacturing Pharmacy	2	8	10	6
	Advanced English	6	0	6	6
Py. 443	Scientific Literature Research	2	3*	5	3

*Extra Laboratory hour—no credit.

**Required for graduation.

***Unless a sufficient number of students enroll, certain elective courses will not be given.



A CORNER OF THE MANUFACTURING ROOM AT CHARITY HOSPITAL PHARMACY

DEPARTMENTS OF INSTRUCTION

The courses of instruction are listed and described after the main departmental groupings. Throughout this bulletin the various departments are designated as follows:

Pharmacy	Py
Pharmacology and Allied Sciences	Pas
Chemistry	Ch
Pharmacy Administration	Pad
Philosophy	Pl
Biology	Bl

The courses of instruction are numbered in accordance with the following plan:

Odd numbers indicate courses given in the first semester, even numbers indicate those given in the second semester.

Each course number is preceded by its department designation.

The courses offered in this curriculum include the subject material considered essential and necessary for properly educating and training the student for a career in pharmacy.

Reference may be made to the 5th Edition of the *Pharmaceutical Syllabus* for detailed content of material acceptable for pharmacy courses.

DEPARTMENT OF PHARMACY

John F. McCloskey — James R. McCowan
Edward J. Ireland — Mrs. June Ware Thompson
Charles Bradley — Edward L. Schmidt

Py. 201 Fundamentals of Pharmacy This is the first course for the student entering pharmacy and should acquaint him with the processes and techniques that are a part of pharmaceutical procedures. It embraces weights and measures and calculations applicable to the processes, terminology, use and care of apparatus, some applications of physics, subdivision of drugs, percolation, filtration, and others involved in pharmaceutical preparations. Emphasis is placed upon procedures and techniques rather than the nature or properties of the products produced.

Two one-hour lectures and two two-hour laboratory for one semester. 4 sem. hrs.
Bradley

Py. 205 History of Pharmacy A beginning course in the history of pharmacy reviewing Ancient, Medieval and Modern Pharmacy up to the Colonial Period. Consideration is given to early discoveries, ethics of the profession and development of Pharmaceutical Organizations. This course should imbue the student with the ideals and background of pharmacy.

The last half of this course covers modern developments and current trends in the United States. Biographical sketches of old and modern leaders are presented; rare books and important literature are discussed. The course intends an appreciation of history as a cultural study and for the benefit of the profession. 2 sem. hrs.
McCloskey, Ireland

Py. 207 Pharmaceutical Calculations Explanations and problems covering weights and measures; relationship of systems; specific gravity; specific volume; reducing and enlarging formulae; concentration and dilution; alligation; percentage and saturated solutions; thermometric scales; and problems based on chemical reactions.

3 sem. hrs.
Schmidt

Py. 214 Official Preparations Deals entirely with the production and compounding of medicinal and pharmaceutical preparations. The course embraces all the U.S.P. and N.F. preparations by type examples, particular attention being devoted to the syrups, tinctures, mixtures, powders, fluid extracts, ointments, pills, infusions, etc. All solutions in which chemical reactions are involved and all official preparations which require a knowledge of chemistry for their preparation are stressed. 4 sem. hrs.
Bradley

Py. 315 Official Preparations Pre-requisite Py. 214. A continuation of the operative procedures in pharmacy 4 sem. hrs.
Bradley

Py. 322 Prescriptions This course is designed to initiate the student into the realm of prescription compounding. Every type of medicinal product is prepared and dispensed on prescription.

The recognition and methods of correcting incompatabilities are emphasized. Considerable practice is received in reading and compounding type prescriptions from drug store files. Prescription pricing, proper labeling and packaging is discussed as well as the rules and practices of the prescription room and the proper methods of compounding.

The course consists of two one-hour lectures and two two-hour laboratory periods. 4 sem. hrs.
Bradley, Thompson

Py. 411-412 Dispensing Pharmacy This is an advanced course in dispensing prescriptions and embraces the preparation of compressed tablets, sterile solutions, ampuls, iso-tonic solutions, buffers, stains, etc. The newer substances for creams, emulsions, ointments, etc., are used. Professional problems are stressed, storage, preservation, ethics and a general review of pharmacy are emphasized. The course intends that the student may enter the profession as an experienced and competent dispenser.

The course consists of two lectures and two two-hour laboratory periods a week for two semesters. 8 sem. hrs.
McCloskey, Bradley, Thompson

Py. 417-418 Hospital Pharmacy This course gives practical instruction in compounding, dispensing, manufacturing, sterilization and administrative duties as practiced in a modern, large hospital. Pharmacy students study in the U. S. Public Health Service Hospital and Charity Hospital, New Orleans. 4 sem. hrs.
Staff

Py. 421-422 New and Non-Official Remedies A detailed study of the most important new and non-official preparations employed in modern prescription practice. 4 sem. hrs.
Ireland

Py. 423 Insecticides and Veterinary Pharmacy This course comprises lectures, demonstrations and laboratory experiments on fungicides, rodenticides, parasiticides and insect classification, as well as the preparation, sale and use of agents necessary for elimination and control of these pests. Veterinary Pharmacy lectures, demonstrations and laboratory experiments have been conducted in this college since 1934 for the purpose of awakening the student to the professional services needed in animal and live stock care. 2 sem. hrs.
McCloskey

Py. 433-434 Manufacturing Pharmacy The course consists of library readings, lectures, conferences and laboratory procedures involving production and control of pharmaceutical products. Visits to manufacturing plants are made. Adequate equipment and facilities are available for the course. Some products are made on a large scale in conjunction with the hospitals in the city.

One lecture and one four-hour laboratory per week, both semesters. 6 sem. hrs.
Staff

Py. 443—Scientific Literature Research Designed to educate the student in the efficient use of a science library. How to use all the various indexes, use foreign literature, and how to search the literature to assemble facts. The library serves as the laboratory.
3 sem. hrs.
Faculty

DEPARTMENT OF PHARMACOLOGY AND ALLIED SCIENCES

Edward J. Ireland Edmond Merilh Mrs. June C. Kissgen

Pas. 236 Microscopical Pharmacognosy A microscopical study and identification of powdered drugs and food products and their adulterants. 3 sem. hrs.
Kissgen

Pas. 215-216 Pharmacognosy A study of the source, history, habitat, structure, constituents, action, dose, economic and systematic classification of the more important drugs of interest in commercial and professional practice. Identification of drugs by physical properties and characteristics. 6 sem. hrs.
Kissgen

Pas. 311-312 Pharmacology I A study of the physical, chemical, physiological and therapeutic properties of important official drugs which have been classified according to their therapeutical uses.
4 sem. hrs.
Ireland

Bl. 301 Bacteriology This course comprises the study of the morphological and biological characteristics of the pathogenic and non-pathogenic bacteria. Methods of preparing, cultivating and identifying bacteria are carefully studied, various methods of sterilization are discussed and demonstrated, and the preparation and standardization of vaccines and anti-toxins receive careful consideration. Immunity and its various types are studied together with the technique of serum reactions. 4 sem. hrs.
Merilh

Pas. 413-414 Pharmacology The emphasis in this course is placed on a study of the pharmacological action of the more important official and non-official drugs. The laboratory work consists of laboratory animal experiments showing the action and the standardization of drugs. Two lectures and one laboratory a week for both semesters. 8 sem. hrs.
Ireland

Pas. 419 Toxicology The course comprises the study of the incidence, symptoms and physiological effects together with emergency treatment of various types of toxic medicinal agents. Two lectures a week during the first semester. 2 sem. hrs.
Ireland

DEPARTMENT OF CHEMISTRY

Rev. George A. Francis, S.J. Rev. Homer R. Jolley, S.J.
John H. Shinkai

Ch. 201-202 Chemistry Organic This course includes a study of the source of organic compounds, their properties, purification, proximate and ultimate analysis, determination of melting and boiling points, homology, isomerism, destructive distillation, combustion, decay, fermentation, determination of formulae, classification of the organic substances. 8 sem. hrs.
Fr. Francis, Fr. Jolley

Ch. 415 Biochemistry A study of the chemical constituents found in animals and plants and of the physical and chemical changes involved in metabolic processes.
Three lectures, three hours laboratory.* 4 sem. hrs.
Shinkai

Ch. 232 Inorganic Pharmaceutical Products A study of inorganic compounds of medicinal and pharmaceutical importance, with special stress given to the nomenclature, physical and chemical properties, and uses.
Three hours lecture. 3 sem. hrs.
Shinkai

Ch. 311 Synthetic Organic Products A study of the physical, chemical and therapeutic properties, methods of production, and use of synthetic organic compounds in medicine and pharmacy. Laboratory includes the synthesis of organic compounds and application of characteristic reactions of organic functional groups.
Three hours lecture, three hours laboratory.* 4 sem. hrs.
Shinkai

Ch. 312 Natural Organic Products A study of the physical and chemical properties and uses of the alkaloids, carbohydrates, glycosides, resins, volatile oils, and other plant and animal principles.
Three hours lecture. 3 sem. hrs.
Shinkai

Ch. 334 Quantitative Pharmaceutical Analysis. A course devoted to the theory and practice of analytical chemistry as applied to the quantitative examination of drugs and pharmaceutical products. Prerequisites Ch. 411. Two lectures and one four-hour laboratory period a week during the second semester. 4 sem. hrs.
Shinkai

DEPARTMENT OF PHILOSOPHY

Rev. Joseph S. Boque, S.J., Ph.D., Chairman

Pl. 201 Logic Definition and division of philosophy; acts of the mind; external expression of these acts; forms of argumentation; fallacies; logical truths; certitude; criteria of truth. 3 sem. hrs.

Pl. 202 Metaphysics I Being, its objective concept; essence; states of being; existence; possibility, internal and external; sources of internal possibility; kinds of being; substance and accident; distinction between nature and person; attributes of being; principle of causality. Prerequisite: Pl. 201. 3 sem. hrs.

Pl. 301 Psychology Life in general; empirical observation of vital action; the power of self-motion; purposive activity; immanency of action; scholastic concept of life; the three essentially different grades of life; the prime principle of life; the theory of evolution; the nature of the soul; the origin of the soul; the immortality of the soul; union of soul and body. Prerequisite: Pl. 202. 3 sem. hrs.

Pl. 302 General Ethics Definition, nature, object and necessity of ethics; subjective and objective ultimate end of man; human action, its merit and imputability; norm of morality, true and false; law, natural and positive. Prerequisite: Pl. 301. 3 sem. hrs.

Pl. 303 Social Ethics Man's duty to his Creator, to himself and to his neighbor; duties to property; society; domestic, civil, international, religious. Prerequisite: Pl. 302. 3 sem. hrs.

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* Extra hour for laboratory write-up.

DEPARTMENT OF THEOLOGY

Rev. Louis G. Soniat, S.J., Chairman

Rev. Edward Shields, S.J.

Every Catholic student is required to take courses in Theology as outlined in the curriculum.

Scripture—Catholic Apologetics
Catholic Morality
Dogma
Christian Marriage

A description of these courses is given in the University bulletin.

DEPARTMENT OF PHARMACY ADMINISTRATION

John F. McCloskey Murray F. Cleveland

Pad. 315 Principles of Salesmanship The philosophy and psychology underlying all sales efforts. Motives for buying and analyses of customer habits. Suggestions and personality. Sales demonstrations. Practical observations in the field. The basic principles of advertising are included. 2 sem. hrs.
McCloskey

Pad. 316 Advertising and Public Relations A course designed to present the basic principles of advertising with emphasis on copy, layout, media, direct mail, displays and the mechanics of producing the finished advertisement. How public relations may be developed, carried out and utilized for beneficial results. 2 sem. hrs.
McCloskey

Pad. 433-434 Drug Store Management This is a practical course covering the everyday problems of the owner or manager of a retail drug store. Purchasing, stock control, sales programs, and displays; relations with sources of supplies as well as banking connections and credit agencies are discussed. Frequent special lectures by men active in the retail field are given throughout the course. The student is required to present surveys and criticisms of practices in the retail stores he contacts. The fundamentals of marketing are included. 4 sem. hrs.
McCloskey

Pad. 416 Pharmaceutical Law The more important laws pertaining to Pharmacy are emphasized. Brief resumes are given of the commercial aspects of the laws as they relate to contracts, insurance and liabilities, negligence of employees, etc. A study of the regulations set down in such laws as the Public Health, Postal, Pharmacy Acts, Fire Department Regulations, Poison, Food and Drug, Liquor and Narcotic, Sales Tax, etc. 2 sem. hrs.
Cleveland

Py. 454-455 Thesis The student must present a Thesis showing marked attainment in some portion of the field of pharmacy. The Thesis need not be of original investigation. It is sufficient that the student has acquired the methods and technique of scientific investigation, and be able to express clearly and correctly his findings.

In the prepartion of the Thesis the student will be assigned to a member of the Faculty in whose field of study the work will be carried out. Approval of the Thesis by combined Faculty action is a requisite for graduation.

DEGREES CONFERRED

May 30, 1953

AEDO, ISABEL BIBIANA	Cuba
ARTIM, MICHAEL	Pennsylvania
BOURGEOIS, JOHNIES BERNARD	Louisiana
BRAMAN, WILLIAM COLLINS	Louisiana
CARTER, CHARLES EMERSON	Louisiana
DEARMAN, JR., WILLIAM ARTHUR	Louisiana
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MARQUER, JR., CONSTANT GEORGE	Louisiana
McCLELLAND, LELAND LEGRAND (B.A.)	Louisiana
McCLOSKEY, ELINOR MAE	Louisiana
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ORTIZ-TULLA, YVETTE MARIA	Louisiana
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SANSONE, CARL DOMINICK (B.S.)	Louisiana
SCHNEIDER, SAUL HIRSCH (B.A.)	Louisiana
SONNIER, CARROL LEE	Louisiana
STARNS, KARL LINDELL	Louisiana
THEVENOTE, DURWOOD JOSEPH	Louisiana
WILLIAMSON, FRANK PIERI	Texas
YANCEY, EDWIN DENHAM	Louisiana

ROSTER OF STUDENTS

FALL SEMESTER

September 17, 1953—January 29, 1954

SPRING SEMESTER

February 3, 1954—June 5, 1954

SENIORS

Barletta, Constantino	Louisiana
Blanchard, James Roger	Louisiana
Blankenship, George Henry	Louisiana
**Cronan, Joseph Schwing	Louisiana
DeCuir, Ervin Joseph	Louisiana
de la Bretonne, Gaston Antoine	Louisiana
Downs, Charles Grafton	Maryland
Drago, William Joseph	Louisiana
Eugene, Gerard Lucien	Louisiana
Fagot, Raymond Joseph	Louisiana
Flynn, C.S.J., Sister Mary Maurice (B.A.)	Georgia
Garcia, Jose Ruben	Texas
Griggs, Sidney Lewis (B.S.)	Louisiana
**Haindel, Doris O'Dell	Louisiana
Hite, Jr., John William	Louisiana
**Hopkins, James Thomas (B.S.)	New Jersey
**Jeansonne, Gibbons Joseph	Louisiana
Lindsay, Malcolm	Louisiana
Lynch, Thomas Joseph (B.S.)	Illinois
Morgan, Ola Elizabeth	Louisiana
Mouton, Joseph Minus	Louisiana
Phillips, Roger Paul	Louisiana
Raborn, Charles Phanor	Louisiana
Riche, Claude Bernard	Louisiana
Rodgers, Jr., Wirt Adams (B.A.)	Louisiana
Ruffalo, Carl Louis	Minnesota
Shiel, Jr., Fred Herman	Louisiana
Silvestri, Marie Dagro	Louisiana
Singerman, Joseph Meyer	Louisiana
Skinner, Edward King	Louisiana
Stula, Kenneth Lawrence	Connecticut
Ullo, Willia Mae	Louisiana
Volz, Louis Joseph	Louisiana

JUNIORS

Bopp, Edward Sidney	Louisiana
Borges,Flores, Jose	Puerto Rico
Buchman, Sidney	New York
Coco, Eugene Vallarie	Louisiana
Cowl, Jay Aubrey	Minnesota
Guerra, Humberto Ruben	Texas
Hall, Jr., George William	Louisiana
Lobue, Angelo Kelly	Louisiana
*Lucas, Gradell Mary	Louisiana
Mayes, Samuel Robert	Louisiana
Pellegrin, Usy Antoine	Louisiana

**Will not graduate in June 1954.

*Withdrew.

SOPHOMORES

Allen, Merlin Hugo	Louisiana
Babineaux, Nolan Joseph	Louisiana
Belanger, Martin Alphonse	Louisiana
Billeadeaux, James Dale	Louisiana
Birdsall, Walter Joseph	Louisiana
Burkenstock, Jr., Lloyd George (B.S.)	Louisiana
DeRouen, Milton Jerome	Louisiana
Fautt, Anne Broussard	Louisiana
Fos, Emile Albert	Louisiana
Gennaro, Marilyn Ann	Louisiana
Gilberti, Charlotte Marie	Louisiana
Gravel, Alfred Cornelius	Louisiana
Guillory, James Keith	Louisiana
Handley, Jr., Curtis Merrill	Louisiana
Hanegan, Jr., William Bernard	Louisiana
Haydel, Jr., Ernest Anthony	Louisiana
Haydel, Kenneth Thomas	Louisiana
Kaufman, Eugene	Louisiana
Kellerman, Harry John	Louisiana
Lafont, Owen Joseph	Louisiana
Landry, Katherine Joyce	Louisiana
Louviere, Jr., John Whitney	Louisiana
Martin, Gerald Douglas	Louisiana
*Murphy, James Gerard	Louisiana
Norman, David Joseph	Louisiana
O'Connell, Richard Lawrence	Louisiana
Pepe, Charles	Louisiana
Poche, Peggy Mary	Louisiana
Quintana, Ronald Preston	Louisiana
Randazzo, Joseph Anthony	Louisiana
Rifkind, Stanley Solomon	New Jersey
Russo, Toby James	Louisiana
Scally, David Lawrence	Louisiana

FRESHMEN

Bacas, Clarence Bernard	Louisiana
Barnett, Francis Belmont	Louisiana
Biundo, Geraldine Frances	Louisiana
Blanchard, Herman Noah	Louisiana
Bonee, Rene Edwin	Louisiana
Bordes, Bruce Gerald	Louisiana
*Bourgeois, Bruce Eugene	Louisiana
Bourgeois, Melvin Gerard	Louisiana
Boutte, Lloyd Paul (B.A., LL.B.)	Louisiana
Braquet, Mitchel Harold	Louisiana
Breaux, Randall	Louisiana
*Brown, Gerard Lee	Louisiana
Cart, Jr., Blufford Joseph	Louisiana
*Cecil, Jr., Raymond Estil	Louisiana
Colligan, James Albert	Louisiana
Crocchiolo, Andrew John	Louisiana
*Daigle, James Arthur	Louisiana
Davis, Joseph Harold	Louisiana
DeRouen, Ellis Rodney	Louisiana
Dietrich, Yvonne Marie	Florida
Drouilhet, Sidney Robert	Louisiana
Durr, Joseph Henry	Louisiana
Everhardt, Joseph William	Louisiana
Fiala, Joseph Eugene	Louisiana
*Frischhertz, Eugene Frank	Louisiana

*Withdrew.

*Gallaty, Phillip Allen	Louisiana
Garcia, Herlinda Guadalupe	Texas
Goodfellow, Harry Levi	Louisiana
*Graham, Cecil Cleveland	Louisiana
Guidry, Alvin Paul	Louisiana
Harriss, Micajah Shepard	Louisiana
*Hava, Frank Adrian	Louisiana
Hebert, Raley Joseph	Louisiana
Hendrick, Francis Irl	Louisiana
Hesse, Donald Adrian	Louisiana
Hinojosa, Carmella Celia	Texas
Hite, Henry Joseph	Louisiana
Huxen, Hugh William	Louisiana
Kather, Miriam Frances	Louisiana
Kelly, Robert Peter	Louisiana
Kimble, Jr., Clarence Theodore	Louisiana
*Knaps, Leroy Raymond	Louisiana
Landry, Myrton Joseph	Louisiana
LeBlanc, James Joseph	Louisiana
*Love, George Wayne (B.S.)	Louisiana
McArthur, Jr., John Brent (B.A.)	Louisiana
Maggio, Henry Anthony	Louisiana
Meisler, Ronald Martin	Louisiana
*Mire, John Wesley	Louisiana
Montalbano, Roy Michael	Louisiana
Montelepre, Jr., John Joseph	Louisiana
Mouton, Raymond Nathan	Louisiana
Musso, Robert Alton	Louisiana
Ory, Leah Ann	Louisiana
*Quijano, Rodolfo Constantino	Nicaragua
Rivette, Allen James	Louisiana
Schexnayder, Irving Clifford	Louisiana
Serpas, Jr., James Joseph	Louisiana
Simon, Charles Louis	Louisiana
Sonnier, Robert Maurice	Louisiana
*Stassi, Eugene Joseph	Louisiana
*Taconi, Edward Chares	Mississippi
*Tardo, Jr., Carlo Alvin	Louisiana
Tripoli, Frank Joseph	Louisiana
Wagner, William Henry	Louisiana
Webre, Richard Anthony	Louisiana

*Withdrew.

CONTRIBUTORS' LIST, 1954-1955

Parke-Davis Co.
Eli Lilly & Co.
Rho Chi Society—Loyola
Audubon Park Commission
Women's Auxiliary, L.S.P.A.
Student Branch of the A.Ph.A.
L. S. P. A. Scholarship Committee
City of New Orleans
American Foundation for Pharmaceutical Education

This list is published annually to show our appreciation and thanks to those whose names are mentioned, for their kind assistance to the College.

Those firms or individuals who, during the past year, have made a substantial contribution to the College, either in money, books, museum pieces, or rendered a meritorious service to pharmaceutical education, are included in the list.

Previous issues of this Bulletin have contained the names of innumerable friends of the College who have substantially aided us in the promotion of pharmacy.

PHARMACY REPRESENTATIVES

on the

UNIVERSITY ALUMNI COUNCIL

1954-1956

Mr. Benjamin Singer, '21 ..... Expires 1955
Mr. Lloyd A. Gravois, '51 ..... Expires 1955
Mr. Joseph B. Fazzio, '33 ..... Expires 1956
Miss Dorothy Ann DeRouen, '49 ..... Expires 1956